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Blair Harper & Co.

IDENTIFIED SEEDS



Blair Harper & Co.

IDENTIFIED SEEDS

AURORA, ILLINOIS



BLAIR, HARPER & CO.

IDENTIFIED SEEDS

AURORA
ILLINOIS

To Our Friends, Our Customers, January, 1916:

SUGGESTION TO CUSTOMERS

Our constant aim is to make the highest quality the first consideration, and next to put our prices as low as good seed can be sold.

ORDER EARLY. The best time to order is just as soon as you receive this catalog, as we can always give your orders more of our personal attention if they come in before the rush of the spring trade. Please use the order sheet as it makes it more convenient for us in filling orders. Terms are invariably cash with order, as we keep no book accounts in our mail order department, and the expense of sending goods C. O. D. is quite large. Postage stamps received same as cash.

OUR RESPONSIBILITY. As this book will probably go into the hands of some who are unacquainted with us, this question will naturally arise, and in answer to same we refer you, by permission to the First National Bank of Aurora or to any express company.

ABOUT WARRANTING. We thoroughly test all our seeds and nothing is sent out which we do not believe to be of good, strong germination and that will grow under any reasonable conditions; still crops are contingent upon so many conditions, etc., over which we have no control, including soil, weather, time and manner of planting, cultivation, etc., that we cannot be responsible for the product and give no warranty, expressed or implied as to description, quality, quantity or productiveness of any seed sent by us, and every order for seeds named in this catalog will be executed on these conditions only, and if the purchaser does not accept the seeds on these terms and conditions they are to be returned at once. It, however, must be plain to everyone who gives the matter the slightest thought, understand, that it is to our best interest to send out only such seed stock as will not only grow, but prove true to name and description.

DELIVERY. The point of delivery of all heavy goods is F. O. B. at Aurora. When we quote a delivered price at your station it means we prepay the freight or express charges.

PREPAID STATIONS. Many of our customers live at points known as prepaid stations, where there is no agent. In such cases you should always send money enough to prepay freight charges through to such points, otherwise we will ship to nearest station where there is an agent.

SMALL ORDERS. It matters not what you want in the seed line, nor how large or small your order, we will be glad to have it, and to hear from you. Your orders will always have our prompt and best attention, and we will always try to serve you in a manner that will please you.

Very sincerely yours,

JAN 27 1916 BLAIR, HARPER & CO.

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BLAIR, HARPER & CO.

IDENTIFIED SEEDS

AURORA
ILLINOIS

To Our Friends, Our Customers, January, 1916:

In presenting to you this catalog we feel that you appreciate the amount of effort, care and attention we have given to the breeding, growing and cleaning of the seeds we offer.

Years have been spent in the breeding and selection of our seed, it has been the life-work of one of the members of our organization. We feel that it is a privilege and pleasure to offer you seed upon which we place our whole confidence. The future of the Company rests upon the quality we give you. Our hopes for your steady patronage is based upon the success of our endeavors to give you the very best there is to be had.

We earnestly ask you to read this booklet very carefully, you will find it different from any other seed catalog you have ever before seen. No extravagant claims are made, merely a plain statement of fact, as to exactly what you may expect, based entirely on the past performances of the particular variety of seed described. For we know that only by giving you results, may we expect other orders from your community. We will be glad to send you samples for comparison at any time and in any quantity. We but ask the opportunity of convincing you as a progressive interested farmer, the value of seeds that are actually pure bred and actually sold for the soil and climatic conditions under which they are best adapted.

Please remember when placing your order with us that we are quite as anxious to give you increased crops of better quality as you are to receive them, and will spare no possible effort or pains to achieve the results desired.

Identified seeds to us mean seed that has a certain known identity. That are grown definitely under known soil and climatic conditions and consequently are adapted for certain definite sections only. Seeds that do not lose their identity, by passing through a seedsman's warehouse.

We are glad to say that the members of this organization appreciate the very apparent tremendous demand for pure bred seeds. We feel more than justified for our many years of tireless effort expended to achieve the varieties and results that we are offering you this year.

A trial will convince you of the value of buying IDENTIFIED SEEDS.

Very sincerely yours,

BLAIR, HARPER & CO.

SEED CORN

Standard Early Yellow Dent. A thoroughbred yellow dent corn. This corn has been bred and selected with pains-taking care to what is at the present time one of the best varieties of yellow corn grown. Ear remarkably uniform and of a bright yellow color with solid deep grain and small cob. Has from 18 to 22 rows of kernels on the cob and 45 to 50 grains in the row. It is well filled over both ends, especially the butt, leaving a small shank which makes it a great favorite with huskers.

In the northern sections has no equal and reports from many other sections are very flattering both from points of yield and quality. We earnestly recommend this for earliness and yield.

Prices F. O. B. Aurora, Illinois, Shelled, \$4.00 per bushel of 56 pounds, Ear, \$5.50 per bushel for 72 pounds.

Reid's Yellow Dent. Known as a medium to late variety of yellow dent corn, has for years been one of the heaviest yielding varieties of corn in the United States and also a variety yielding a large proportion of seed ears.

This variety is the best known among the progressive farmers who grow for the great corn shows and who try to breed to a top notch standard. It is a thoroughbred corn, having many years of selection for its foundation and the type is thoroughly fixed so that reversion seldom occurs and the crop is always uniform in size, shape and color.

It requires about 110 to 115 days to mature and is exactly as we recommend a medium to late corn.

Our stock is extra choice having been personally selected for us.

Prices F. O. B. Aurora, Illinois, Shelled \$4.00 per bushel of 56 pounds, Ear, \$5.50 per bushel of 72 pounds.

Standard Early White Dent. This early heavy yielding corn has given universal satisfaction wherever raised in the Northern section, from 14 to 18 rows, is early ripening and compact growth of ears, invariably adapted to the North. Average height of stalk 8 ft. This corn seems to possess a faculty of growing right along and making crops during adverse weather conditions that would ruin other varieties, it roots very deeply and this will probably account for the ability to endure extremes of heat and drought. This corn as an Early White Dent will prove universally satisfactory wherever an early strong yielding vigorous variety is required.

Prices F. O. B. Aurora, Illinois, Shelled, \$4.00 per bushel of 56 pounds, Ear, \$5.50 per bushel of 72 pounds.

Standard Medium White Dent. This is a splendid corn for market, will produce a satisfactory crop with less favorable conditions than those required by almost all of the other later varieties. The plant is ideal, roots well and withstands windstorms much better than other varieties, gives excellent yields, ears are set about 4 feet 6 inches from the ground, high enough to get the sun and air, low enough to be protected from windstorms and just right for husking purposes. Ears run from 10 to 12 inches long symmetrical and well rounded at both ends. The kernels are close and compact which mean yields wherever found. For medium late Corn we earnestly recommend this.

Prices F. O. B. Aurora, Illinois, Shelled, \$4.00 per bushel of 56 pounds, Ear, \$5.50 per bushel of 72 pounds.

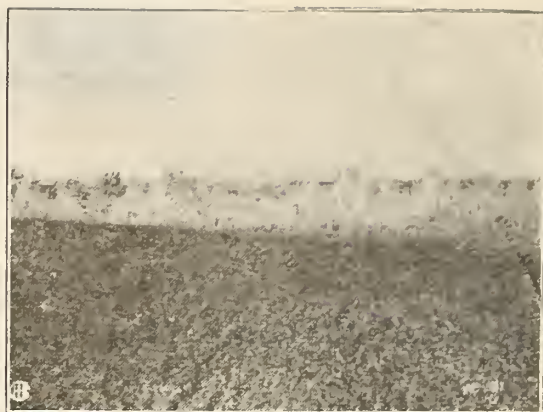
SEED OATS

Early White Oats, variety No. 103. (Our Special). (1). This is an exceptional yielder and is noted for its strength of straw quality and yield.

(2). Late varieties of oats are not being found as satisfactory as they were a few years ago. On account of the shortness of the growing season they do not fill or yield within 20% of the earlier varieties.

(3). This wonderful new variety has out-yielded its competitors by as high as 30%.

We recommend only those that mature early enough to form well filled berries before the hot, dry weather comes on which proves so ruinous to the late oat crop. No. 103 has never registered a failure and we do not believe that it can be excelled from points



of yield and quality by any other variety so far produced. In Kane County, this past year yields on four different fields were 88½, 87, 84½ and 83 bushels per acre. The mere fact that all of the yields are so close together shows beyond a shadow of a doubt the value of this variety as a consistent year after year heavy yielder. It is a variety of oats that is pure bred in every sense of the word and lives up to the purpose for which it was bred, namely a variety of oats that will be welcomed by every farmer in the middle West as an early always yielding strong strawed money making variety. This in our opinion is the coming variety for the Middle West. Prices F. O. B. Aurora, Ill., **\$1.50** per bu. of 32 lbs. (Bags Free).

New Oat No. 105. (Our Special). Probably the strongest strawed oat ever grown. Exceptionally heavy yielder, yellow in type, in all respects a wonderful variety. Our stock of the new Oat No. 105 has all been raised from a single proven plant. We especially recommend this variety for heavy soil, where oats ordinarily lodge. From this point we cannot recommend it too highly. The heads are large and well filled with plump, heavy berries. The roots are especially deep and extensive which makes an additional help against lodging. For one who usually hesitates in raising oats on account of heavy soil and consequent lodging this new Oat No. 105 will be found especially beneficial. It is very early with heads all well filled, with bright plump berries. This year the yields were 35% better than ordinary oats raised along side by side. Our stock of this wonderful new Oat is extremely limited, and as a consequence we urgently request everyone interested to place their order just as soon as possible in order to be sure and not be disappointed. For real dollar value in Oats, the new Oat No. 105, we consider the biggest bargain that has ever been offered. The yield is far superior to other varieties and not only yields one year, but every year in spite of adverse weather conditions, this is a variety that we are very proud of the privilege of offering you. You will not be disappointed at the end of the year.



Prices F. O. B. Aurora, Illinois, **\$1.50** per bushel. (Bags Free).

Barley. Especially selected strain of Oderbrucker which originally comes from Wisconsin and has to date proven one of the highest yielding barleys of best quality ever grown. It is especially noted for stiffness of straw and rust resistance. It is very high in food value and for this purpose is exceptionally valuable to the feeder. In this variety you have an all around barley, both from points of malting and feeding. It is an enormous yielder and always has given thorough satisfaction.

Prices F. O. B. Aurora, Illinois, **\$1.60** per bushel. (Bags Free).

GRASS SEED

Alfalfa. Is rapidly becoming the most important legume crop grown, while but a few years ago it was difficult to find a patch of it in Northern Illinois. Now, most every one has a few acres of this wonderful crop and is planning on doubling or trebling the acreage. Our Alfalfa seed is selected with the greatest possible care in order that nothing but complete satisfaction will be found from its raising. We insist on a standard of purity and germination far above the average. We honestly believe that we have the best seed of its kind that can be secured anywhere. Alfalfa should be planted 18 to 20 pounds to the acre on a thoroughly pulverized seed bed, for the success of the crop depends on the first six weeks of the growth and every possible help must be given to the young plants in order that they may outstrip and further, smother the weeds during this early period.

Prices F. O. B. Aurora, Illinois. By mail, 1 pound 30 cents, 3 pounds 85 cents. By freight or express, 10 pounds **\$2.50**, 30 pounds **\$7.50**. Write for prices in large quantities.

Medium Red Clover. Is one of the most common legumes grown anywhere and still the careful selection of the seed has more to do with the success of the crop than any other grass seed grown. We exercise the greatest possible care in the selection of our seed. Our grass seeds must all show a very high standard of purity and germination for we realize that on the high priced lands throughout the middle West it is necessary to secure the very best stand possible in order to make the crop a success. Furthermore, weed seeds are expensive at any price. We recommend our seed from points of purity, strength, vitality, hardiness and germination. Prices F. O. B. Aurora, Illinois, same as for Alfalfa.

Mammoth Red Clover. Often used as a forage crop or to turn under. Some of our friends plant Mammoth Clover for the quick growth of luxuriant foliage, for this purpose it has few equals. It is excellent for pasturage as it will produce an enormous yield of highest feeding quality but is not desirable for hay, especially good for hog pasture.

Prices F. O. B. Aurora, Illinois, same as for Alfalfa.

Alsike Clover. Many use a percentage of Alsike Clover in the grass mixture for hay, we cannot recommend it too strongly. It is hardy and is especially adapted to low wet land. The hay is fine and better almost than any other, making Alsike of a special value for sowing with timothy.

Prices F. O. B. Aurora, Illinois, same as for Alfalfa.

Melilotisalba. (Sweet Clover). Is rapidly becoming known as a pasture clover and for hay. Many claim that it is superior even to Alfalfa, or Red Clover for these purposes. It is very vigorous growing, produces excellent crops where Alfalfa or Medium Red Clover fail.

Prices F. O. B. Aurora, Illinois, 10 cents higher than Alfalfa.

Timothy. Has been for years the standard of grass seed. We use every possible care in the selection of our seed, that it may be pure and of the very best germination. It is best suited to moist, rich, strong and loamy soils, where it grows to perfection, it is very nutritious and makes excellent hay. For pasture mixtures of all kinds we highly recommend our best Timothy seed.

Prices F. O. B. Aurora, Illinois. By mail, 1 pound 15 cents, 3 pounds 40 cents. By freight or express, 10 pounds \$1.20, 30 pounds \$3.30. Write for prices in larger quantities.

Permanent Pasture Mixtures. With land the price that it is in the Middle West, many farmers will begin to find that ordinary pasture mixtures which were good enough 20 years ago do not produce sufficient results to pay for their use today. For this reason many take advantage of the experience of our experts and buy especially mixed mixtures for their particular soil and climatic conditions. Our mixtures are carefully and especially prepared under the direction of an expert for the particular conditions under which they are to be grown, in these mixtures we use a large number of different seeds for certain results, and for this reason can give better satisfaction on any soil than can be obtained in any other way. Each who desires a special mixture advises us the kind of soil upon which the crop is to be raised, the information is turned over to an expert, mixed here and forwarded to you with full directions, ready to plant. Some of our mixtures contain as high as 18 different and distinct kinds of grass seeds and are bound to give results.

Prices as follows: F. O. B. Aurora, Illinois, 50 pounds, 16 cents per pound, 100 pounds or over, 14 cents per pound.

FLOWER AND GARDEN SEED DEPARTMENT

Our List of Varieties is very extensive and amply sufficient to meet every want in the line of vegetable seeds. We offer nothing which has not been tested by ourselves and proven worthy of cultivation. Our facilities for the practical testing of all new and standard vegetables are most extensive and complete; the trials are thorough and exhaustive, and our friends can therefore absolutely depend on the value and excellence of every variety we offer. It is vitally important to every purchaser of seeds, either in large or small quantities, to know if the seeds will grow strongly and well, and whether they are pure and will produce true and perfect types of their kind. No experienced or practical gardener ever asks, "Where can I get my seeds the cheapest?" but rather, "Where can I get the best and most reliable?" and no one can afford to look at this matter in any other light.

In conclusion, we wish to say that our seeds are the very best that untiring watchfulness and intelligent, painstaking care can produce, while our prices are as low as good seeds can be bought for, and we respectfully ask that you give our Northern-grown Seeds a trial.

Market Gardeners, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write us for special prices, and must be sure to name varieties and quantities they will want.

Seeds by Mail. Please bear in mind that the prices given in this book do not include cost of postage, but packets and ounces will be sent to any address postpaid at prices named. For Peas, Beans, and Corn, add 8 cents per pint, 16 cents per quart, to cover postage. Quantities of four pounds and over will often go cheaper by express than by mail, and if purchaser desires such quantities forwarded by express they may omit the amount required for postage.

ASPARAGUS

One ounce for 60 feet of drill.

Culture. A convenient bed is about 6 feet wide, with a path 2 feet wide on each side. This will require six rows 1 foot apart, and a bed of that width 50 feet long will be ample for an ordinary family, requiring about one pound of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established, it is good for twenty years. It should be sown in drills 1 foot apart, and when the plants are 4 or 5 inches high they should be thinned out so that the plants will be 9 inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke up and destroy the young seedling Asparagus. The deeper the soil and the more manure used, the greater will be the crop.

Barr's Mammoth. Earlier than, and nearly twice as large as, Conover's Colossal; also a strong grower and very productive.

Packet, 5 cents. Ounce, 10 cents.

Conover's Colossal. The best known and one of the most desirable sorts.

Packet, 5 cents. Ounce, 10 cents.

Columbian Mammoth White. This splendid new white variety is a sport from Conover's Colossal, and originated on Long Island. The shoots are pure white, and require no artificial blanching, brings a much higher price in market than any other sort.

Packet, 5 cents. Ounce, 10 cents.

Asparagus Roots. A saving of one to two years is effected by planting roots, two-year roots, and the proper size for setting.

	Per 100
Columbian Mammoth White.....	\$1.00
Conover's Colossal.....	.75
Palmetto.....	1.00

BEANS—Dwarf or Bush.

One quart to 100 feet in drills, or 150 hills; 2 bushels to the acre in drills.

Culture. A succession of sowings can be made from the first week in May until September. These dates are for the latitude of New York; farther south the sowing must be done earlier, farther north, later. Plant in drills about 2 inches deep, and from 18 inches to 2 feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about 2 inches apart.

Prices on all Dwarf Beans are as follows, unless otherwise noted:

Packet, 5 cents. Pint, 30 cents. Quart, 50 cents.

Prices in quantity upon application. Add 8 cents per pint, 16 cents per quart, if to be sent by mail.

Wax-Pod or Butter Beans. Black German Wax. (Black Seed). Very early; round, yellow pods, a well known standard sort.

Challenge Black Wax. An extra early strain of the Dwarf Black Wax.

Currie's Rust-Proof Wax. Pods long, flat, and straight; very productive and rust proof; black seed.

Davis White Kidney Wax. Pods remarkably long, straight and handsome; waxy white color; enormously productive, seed white.

Golden Wax. Very popular; well known standard sort.

Keeney's Pencil-Pod Black Wax. Long, slender pods.

Kidney Wax (Wardwell's). Extra early; purely wax pods, long, flat, and remarkably free from rust. Packet, 5 cents. Pint, 30 cents. Quart, 50 cents.

Prolific Dwarf Black Wax. An improved strain of Black Wax, of more vigorous habit and far more productive. Pods waxy yellow, with slightly curled point.

Yosemite Mammoth Wax. The largest pods of all the wax sorts, very productive and showy; of good quality. Packet, 10 cents. Pint, 20 cents. Quart, 40 cents.

Green Podded Dwarf Beans. Bush lima, (Burpee's). Beans as large as Pole limas; perfectly dwarf and very productive. Packet, 5 cents. Pint, 25 cents. Quart, 40 cents.

Bush Lima, Burpee's Improved. Beans and pods much larger than the old strain. Packet, 5 cents. Pint, 25 cents. Quart, 40 cents.

Bush Lima. (Dreer's). Beans similar to Dreer's Pole Lima, but ten days earlier and a true Bush Bean.

Packet, 5 cents. Pint, 25 cents. Quart, 40 cents.

Bush Lima. (Dreer's New Wonder). New. An improvement on Burpee's Bush Lima. Packet, 5 cents. Pint, 25 cents. Quart, 40 cents.

Bush Lima. (Henderson's). Beans smaller than Burpee's or Dreer's, but very early and enormously productive.

Packet, 5 cents. Pint, 20 cents. Quart, 35 cents.

Burpee's Stringless Green-Pod. New. Extra early, prolific. Entirely stringless; crisp, tender; fine quality.

Horticultural Dwarf. Late and productive; pods showy; great favorite in New England fine shell variety.

Long Yellow Six Weeks. Pods flat and green; a leading market sort in most localities.

BEANS. (Pole or Running)

Burger's Green-Pod. (White Kentucky Wonder). Fine quality; very productive and early; stringless.

Cut-Short or Corn Hill. A speckled Bean, used for planting among corn; fine snap sort.

Horticultural or Cranberry. Showy and excellent, either as a snap or shell Bean or for cooking when dry.

Kentucky Wonder. Fine green-pod sort; early and productive; entirely stringless.

Lima, Early Jersey. One of the earliest.

Lima, King of the Garden. Heavy cropper; bean and pod very large.

Lazy Wife. Beans white; pods green and entirely stringless; produces an enormous quantity of pods.

White Dutch Case-Knife. Pods long, green and flat; fine for shelling.

Scarlet Runner. A popular English variety. Very ornamental, with scarlet blossoms.

BEET

One ounce to 50 feet of drill; five to six pounds to the acre in drills.

Culture. The soil which is best suited is that which is rather light and thoroughly enriched with manure. For an early supply, sow in spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop, sow the first week in May, and for winter use, sow in June.

Prices on all varieties of Table Beets as follows: Packet, 5 cents. ounce, 10 cents. Prices in quantity on application.

TABLE BEETS

Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian, is thicker and less inclined to push up a woody neck as it advances in growth.

Crimson Globe. Globe-shaped; flesh deep purple.

Detroit Dark Red. Round, skin dark red; flesh light red; very sweet.

Early Blood Turnip. One of the best known and most popular early sort; smooth and dark red; excellent quality.

Eclipse Blood Turnip. Very early, round, smooth, and dark red. Our strain of this variety is very select; it has a very small top, and is one of the best for market.

Edmund's Turnip. One of the very best strains for market-gardeners; small top, round, handsome, and very dark red. Our stock is very fine.

Extra Early Egyptian Blood Turnip. Considered by many the earliest strain of table beet; small tops; color very dark red; flat and smooth

Swiss Chard, Silver or Sea Kale Beet. Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest of the leaf like spinach.

MANGEL WURZEL

Six to eight pounds of seed will sow an acre.

Culture. The following varieties are extensively grown for feeding stock, and are excellent food to increase the flow of milk. As they grow much larger than the varieties cultivated for table use, they require more room, and should be sown in drills about 2 feet apart. The seeds should be dropped about 2 inches apart in the drills, and when strong enough thinned out to 12 to 15 inches in the row. The long varieties are best suited to a deep soil, and the globe sorts succeed better than the long sorts on sandy soil. Prices on all varieties of Mangels as follows: Ounce, 5 cents. Pound, 40 cents. Ask for prices in quantities.

Golden Tankard. Best and most popular for dairy farming; a very large yellow-fleshed sort, said to contain a large amount of sugar, grows largely above ground, is hardy, and a heavy cropper.

Sugar, Klein Wanzleben. The largest yielding and undoubtedly the best variety for sugar making.

Sugar, Lane's Imperial. A white-fleshed, handsome, and very productive strain; hardier than French, White Sugar, and said to contain a large percentage of sugar.

CHICORY

One ounce will sow a bed of 4 square yards.

Chicory is cultivated chiefly for its roots, which are dried, and used as a substitute or flavoring ingredient for coffee. The leaves, when blanched are also esteemed for a salad. Cultivate as recommended for carrots.

Large Rooted. The dried roots are roasted and mixed with coffee, or used as a substitute. Packet, 5 cents. Ounce 10 cents.

CAULIFLOWER

One ounce will sow a bed of 40 square feet, and produce about 3,000 plants.

Henderson's Early Snowball. This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. Packet, 10 cents. Ounce, \$2.00.

Early Dwarf Erfurt. An excellent sort, producing good sized, creamy white heads; one of the best for general cultivation. Packet, 5 cents. Ounce, \$1.50.

Veitch's Autumn Giant. A distinct and valuable late variety; heads large and fine, well protected by foliage. Packet, 5 cents. Ounce, 50 cents.

CABBAGE

One ounce will produce 3,000 plants

Culture. Soil for cabbage should be rich and heavy loam, with good drainage. On such a soil, with an abundance of stable manure, excellent crops are sure to be grown. For early Spring, sow in fall, not too early, or the plants are liable to bolt in the Spring instead of heading. In a month the plants will be fit to transplant to cold frames, where they are wintered, taking care in planting to set the young plants down to the first leaves. Transplant in Spring as soon as the ground can be worked, setting the plants 2 feet apart one way and from 12 to 18 inches the other, according to the variety. If it is desirable to economize space, lettuce or radish may be sown between the rows, as they will be out of the way before the Cabbage needs the room. For late or winter crops the seeds are sown in May and the plants set out in July. In this case they are set in rows 2x3 feet, so as to work them with a horse and cultivator. To prevent the turnip-flea attacking the young plants, sift fine air slaked lime or tobacco dust over them as soon as they appear above ground.

Prices on all varieties, except where otherwise noted: Packet, 5 cents. Ounce, 20 cents. Special prices in quantities.

Early Large York. This variety endures heat well, and on this account is much prized in the South; about two weeks later than Early York; heads of similar shape but larger. Packet, 5 cents. Ounce, 15 cents.

All Seasons. Heads very deep; can be planted for early or late crop, and is a splendid keeper; about as early as Early Summer, but forming much larger heads.

Autumn King. Said by the introducer to be the finest late Cabbage in cultivation. Its color is dark green; heads very large and the best of keepers. It is altogether distinct, and can be readily distinguished from any other sort.

Packet, 5 cents. Ounce, 25 cents.

Charleston Large Wakefield. Popular with market-gardeners in the South. This strain is about one week later than the Early Jersey Wakefield, but the heads are fully one-half larger; will not burst when ripe like most early sorts, and can be left standing in the field some time without damage.

Packet, 5 cents. Ounce, 25 cents.

Danish Ballhead. One of the very best winter sorts; heads round and very solid. Packet, 5 cents. Ounce, 25 cents.

Early Flat Dutch. Earlier and heads smaller than Late Flat Dutch; a good second early, sure header, weighing 10 to 12 pounds; valuable market sort.

Henderson's Early Summer. Heads large, round and very compact; about ten days later than Jersey Wakefield; one of the earliest large heading varieties.

Hollander. Heads medium size, round and very solid; one of the hardest varieties. Packet, 5 cents, Ounce, 25 cents.

Premium Late Flat Dutch. A justly popular and esteemed variety; extensively cultivated for market and family use; a good keeper.

Selected Early Jersey Wakefield. This is the most widely known and popular early variety. Heads are cone-shaped and very solid.

Packet, 5 cents. Ounce, 25 cents.

Fine Early Winnigstadt. Ninety-nine plants in every hundred warranted to head up hard and fine. One of the best for either early or late use; it rarely fails to form good, solid heads, even where other varieties fail entirely; heads cone-shaped, and a good keeper.

Packet, 5 cents, Ounce, 15 cents.

Sure Head. All head, and always sure to head; this very popular variety is rightly named Surehead, because it never fails to form a good solid head; even on poor soil, but the richer the soil the larger and finer the head; it is the finest late Cabbage in this country, and best for market. Heads the list for winter use.

Red Rock. (Henderson's Mammoth). The largest and surest heading red Cabbage. Heads as large and solid as Flat Dutch, and fine grained.

Packet, 5 cents. Ounce, 30 cents.

CARROT

One ounce will sow 100 feet of drill; 3 pounds required for an acre.

Culture. Carrots require a very finely pulverized soil to grow them to perfection. A good, light, and well enriched sandy loam is the best for this crop. For field culture, sow in drills 3 to 3½ feet apart, so as to cultivate by horse. Market-gardeners sow in drills, about 18 inches apart, and cultivate by hand. For early crops cover ½-inch deep, and thin to 6 inches apart in the rows, for late, cover ½-inch deep, and thin to 4 inches.

Prices on all varieties as follows: Packet, 5 cents. Ounce, 10 cents. Prices in quantity on application.

Chantenay Half-Long. Stump-rooted; broad, thick.

Danvars Half-Long. One of the heaviest croppers; roots dark orange color, 8 to 10 inches in length, thick.

Oxheart, or Guerande. Roots short and very thick, intermediate between Scarlet Horn and Chantenay; color deep orange; fine grained and sweet; easily dug; annually grows in favor.

Half-Long Stump-Rooted Nantes. A well known favorite; roots deep orange, 8 to 10 inches in length.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches long.

CELERY

One ounce will produce 7,000 plants.

Culture. Sow seeds in a hotbed or coldframe. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 or 5 inches apart. When about 8 inches high, and fine stocky plants, set them in the trenches. Earth up a little during the summer, keeping the leaf stalks close together, so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather, nor when the plants are moistened with dew.

To preserve Celery for winter, dig trenches 1 foot in width and as deep as the tops of the plants. Stand the Celery in these erect as they grow with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from frost. Do not cover until the weather becomes quite cold, and then only a little at a time, as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

Prices as follows, except where otherwise noted: Packet, 5 cents. Ounce, 20 cents. Special prices for larger quantities.

Dwarf Golden Heart. Resembles the Half Dwarf white in habit of growth; very solid, and the heart is of a golden yellow when blanched; excellent keeper, and fine for garden or market.

Dwarf Golden Self-Blanching. Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt, the finest early Celery in cultivation. It is perfectly solid, of fine nutty flavor; attains a good size, and when blanched is of a handsome golden yellow color.
Packet, 5 cents. Ounce, 35 cents.

Giant Golden Heart. A selection from Dwarf Golden Heart, which it resembles, but grows larger and is a better keeper; a favorite with Chicago gardeners.
Packet, 5 cents. Ounce, 15 cents.

Giant Pascal. The largest variety grown; is also the best keeper; of fine nutty flavor, and very easily blanched; deservedly popular for fall and winter use.

Improved White Plume. A well known and perhaps the most popular variety of Celery; very early, ornamental, and for quality, surpassed by none; has great merit as an early market sort.

Pink Plume. New. Practically identical with improved White Plume, but with the added merit of the stalks being richly suffused with pink, attractive and very fine.
Packet, 5 cents. Ounce, 25 cents.

Soup Celery. Seeds for flavoring soups, pickles, etc.
Packet, 5 cents. Ounce, 10 cents.

Celeriac. (Turnip-rooted Celery). **Culture.** A variety of Celery with turnip shaped roots, which are white-fleshed, comparatively tender, and have the flavor of celery stalks.

Large Smooth Prague. An improved form with round, smooth roots. This is the very largest variety, and one of the very best.
Packet, 5 cents. Ounce, 15 cents.

(CORN SUGAR)

One quart will plant 200 hills; 1 peck will plant 1 acre in hills.

Prices on all varieties of Sugar Corn as follows: Packet, 5 cents. Pint, 15 cents. Quart, 25 cents. Prices in quantity on application. Add 5 cents per pint, 10 cents per quart, if to be sent by mail.

Extra Early Sugar Corn. Cory White Cob. A selection from Red Cory, over which it is a great improvement, being equally early and having white kernels and white cob.

Goldem Bantam. Extremely early yellow variety of delicious flavor.
Packet, 5 cents. Pint, 25 cents. Quart, 40 cents.

Second Early Sugar Corn. Minnesota. Deservedly popular, either for market gardeners or private families.

Medium Early Sugar Corn. Black Mexican. One of the sweetest and best varieties; grains black when ripe, but, when in condition for the table, cooks remarkably white.

Champion. A new and most desirable sort; ears nearly as large as Evergreen, and pure white; nearly as early as Minnesota; splendid for market gardeners.

Early Evergreen. Equal in quality and ten days earlier than Stowell's Evergreen.

Late Sugar Corn. Country Gentleman. Very distinct from any other sort; sometimes yields as many as five ears on a stalk; cob very small, with deep kernels of pearly whiteness. This is considered the finest of all Sweet Corn; the quality is delicious, and will delight the most fastidious epicure.

Ne Plus Ultra. Sometimes called Shoe Peg, from its deep, narrow grains, ears medium size, row irregular; very sweet.

Stowell's Evergreen. The standard for quality, and the best known variety; a favorite with canners and market-men. Always brings good prices on account of its extra high quality and remains a long time in condition suitable for boiling.

POP CORN

	Per pound.
White Rice. Shelled or on the ear.....	\$0.10
Queen's Golden. Shelled or on the ear.....	.10

CRESS, OR PEPPER GRASS

One ounce will sow 16 square feet, or 150 feet of drill.

Culture. A popular salad which should be sown early in the Spring—very thickly in shadow drills—and at short intervals, for succession, as it soon runs to seed.

Extra Curled. A small plant, having a fine, pungent flavor, and used as a salad; may be cut two or three times.

Packet, 5 cents. Ounce, 10 cents.

CUCUMBER

One ounce will plant 50 hills; 2 pounds will plant an acre.

Prices on all cucumbers as follows, except where otherwise noted: Packet, 5 cents. Ounce, 10 cents. Get our special prices for large quantities.

Boston Pickling. Fruit short, smooth and pointed at each end; color bright green; a great yielder; one of the best sorts for pickling.

Cyclone. The earliest white Spine; very prolific.

Davis Perfect. The new dark green White Spine.

Early Cluster. Fruit small and borne in pairs, light green and a great bearer; a well known standard sort.

Early Frame or Short Green. A vigorous grower and great producer; fruit medium size, very early and good for pickling or slicing.

Green Prolific. One of the best pickling sorts. Small and very brittle.

Japanese Climbing. Fruit about 10 inches long, thick and of fine flavor. Skin dark green, flesh pure white; can be grown on trellises and fences.

Klondike. A splendid strain of White Spine, with dark green skin.

Long Green Improved. Fine for pickling when small; also good for table use when about half grown.

Nichols Medium Green. Intermediate between Long Green and Early Frame in length; thick through and very handsome and smooth; one of the best pickling sorts.

Westerfield's Chicago Pickle. The favorite with Chicago pickle manufacturers; fine shape and very productive.

West India Gherkin. The only genuine Gherkin. Small, oval, covered with spines; color light green; used exclusively for pickling.

Packet, 5 cents. Ounce, 15 cents.

White Spine, Arlington Improved. One of the finest Cucumbers for forcing, and one of the most perfect in shape, size, color and quality, very brittle and crisp.

ENDIVE

Culture. Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size, gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves, which, in the course of from three to six weeks, become blanched.

Prices on all varieties as follows: Packet, 5 cents. Ounce, 15 cents.

Broad-Leaved Batavian. Heads are large, leaves broad and thick, and used for flavoring soups; when blanched, the inner leaves make a fine salad.

Green Curled Winter. The hardiest variety; leaves dark green, which readily blanch white; not only most useful as a salad, but much used for garnishing.

White Curled. For early use; should be used when young.

EGGPLANT

One ounce for 1,000 plants.

Culture. The Eggplant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or April, and when about an inch high potted in a 2-inch pots. Plant out about June 1, 2½ feet apart. If no hotbed is at hand, they can be grown in any light room where the temperature will average 75.

Black Beauty. The earliest large variety; color rich dark purple.
Packet, 5 cents. Ounce, 40 cents.

New York Improved Purple. The leading market variety, and undoubtedly the best for size, quality, and productiveness.
Packet, 5 cents. Ounce, 25 cents.

New York Improved Purple Spineless. Similar to New York Improved Purple, except that it is entirely free from spines.
Packet, 5 cents. Ounce, 35 cents.

GOURD

One ounce will plant 25 hills.

Culture. Gourds are tender annuals, and should not be planted until all danger of frost is over, and not less than 6 feet apart each way, in good rich loam. Three plants in a hill will be sufficient to leave at the last hoeing.

Prices as follows, except where otherwise noted: Packet, 5 cents. Ounce, 20 cents.

Dipper. This, like the Sugar Trough, has a thin but hard shell, and can readily be made to serve useful purposes.

Dish Cloth. The peculiar interior is useful as a dish-cloth or sponge.

Fancy Varieties Mixed. This is a collection of the ornamental and fancy sorts.

Japanese Nest-Egg. Fruit small and creamy white; it exactly resembles the eggs of a hen.
Packet, 5 cents. Ounce, 25 cents.

Sugar Through. These gourds grow to hold from four to ten gallons. The shells are light, but very hard and durable, and are readily made into useful household utensils. One of the best varieties.

HERBS

Sweet, Pot and Medicinal.

Culture. The seeds should be sown in Spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded.

	Packet	Ounce.
Anise. Used for flavoring.....	\$0.05	\$0.10
Borage.....	.05	.10

Caraway. The seeds of this herb are used for flavoring and render satisfaction when devoted to this purpose.

Dill. Used for flavoring pickles.....	\$0.05	\$0.10
Lavender. Leaves very fragrant.....	.05	.15
Rosemary. Leaves very fragrant.....	.05	.40
Sage. A highly aromatic herb; most useful of all.....	.05	.15
Savory, Winter.....	.05	.15
Sweet Basil. Leaves used for flavoring.....	.05	.15
Sweet Fennel. Seeds aromatic.....	.05	.10
Sweet Marjoram. Used as a seasoning.....	.05	.15
Summer Savoy. Used as a culinary herb.....	.05	.10
Thyme. Used as a seasoning.....	.05	.25

KALE OR BORECOLE

One ounce will produce 3,000 plants

Dwarf Green Curled Scotch. Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green.
Packet, 5 cents. Ounce, 10 cents.

KOHLRABI, (Turnip Rooted Cabbage)

One ounce will sow 200 feet of drill.

Large Green or White. Good for table use, and is also used for feeding stock.
Packet, 5 cents. Ounce, 15 cents.

Purple Vienna. A little later than the White; color bluish purple.
Packet, 5 cents. Ounce, 20 cents.

LEEK

One ounce will plant 200 feet of drill.

Broad American Flag. Large and very popular with market-gardeners.
Packet, 5 cents. Ounce, 15 cents.

LETTUCE

One ounce will sow 100 square feet, or 120 feet of drill.

Prices on all varieties, as follows, except where otherwise noted: Packet, 5 cents. Ounce, 15 cents. Prices in quantity on application.

Big Boston. A most desirable variety, either for forcing in coldframes or open-ground planting; always produces large, solid heads.

Packet, 5 cents. Ounce, 20 cents.

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads; edges of leaves slightly tinged with red.

Denver Market. Early, for forcing or open ground; heads large and solid; leaves crisp and tender, blistered like a Savoy cabbage, attractive in appearance.

Grand Rapids. As a distinctly forcing and shipping Lettuce this variety undoubtedly stands at the head of the list; beautiful in appearance.

Hanson Improved. Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality, inner leaves white.

May King. Heads extra large and solid; green outside, but heart clear yellow, very desirable.

Prize-Head Early. Leaves green and red, very thin, crisp and tender; one of the best for private use.

Simpson Black Seeded. Nearly double the size of the Simpson Early Curled; leaves are delicate golden yellow, superior variety for forcing or out of doors.

Simpson Early Curled. (White seed). A leading early sort, good for forcing or open ground; a favorite with market-gardeners.

Thorburn's Mazimum. Grows very large; solid and crisp.
Packet, 5 cents. Ounce, 20 cents.

MELON, MUSK

One ounce will plant about 80 hills.

Prices on all varieties of Muskmelons as follows, except where otherwise noted: Packet, 5 cents. Ounce, 10 cents. Ask for our prices on larger quantities.

Emerald Gem. One of the very earliest varieties; fruit small, skin deep emerald-green; flesh handsome salmon color and very thick; flavor most delicious; a splendid melon for hotels and restaurants.

Packet, 5 cents. Ounce, 15 cents.

Banana Cantaloup. Shaped somewhat as name indicates; grows from 2 to 2½ feet in length; flesh deep salmon, of good quality. It is eagerly bought, owing to its odd appearance.

Hackensack, Extra Early Improved. A selection from an improvement on the old Hackensack, and similar in shape and appearance; nearly as large, and fully ten days earlier. One of the finest for market-gardeners; quality perfect.

Miller's Cream. A widely known and valuable variety; round or egg-shaped; color dark green, and finely netted; flesh salmon-pink, thick and very sweet and spicy in flavor.

Osage. This is the favorite market melon of Chicago and many other western markets, and is usually quoted by name by western commission merchants, and offered on the bills-of-fare of first-class hotels and restaurants. It is globe or egg-shaped, slightly netted, skin dark green and flesh orange pink, very thick, and of a flavor not surpassed by any in cultivation; as a market melon it is superior and most profitable.

Paul Rose. This new melon is superior to all others as a market variety, and has few equals for the home-garden. Fruit oval; flesh rich orange-red.

Rocky Ford. An improved and oblong form of the Netted Gem. A most excellent green-fleshed sort.

MELON, WATER

One ounce will plant 50 hills.

Prices on all varieties of Watermelons as follows: Packet, 5 cents. Ounce, 10 cents.

Citron. For Preserves. The old and well-known Preserving Citron; seeds red.

Cole's Early. Very hardy, a sure cropper, and extremely delicate in texture of flesh. Medium size, nearly round in shape; flesh dark red, rind green, striped with lighter shades.

Cuban Queen. One of the best for shipping; a good keeper; grows to enormous size and is very productive; rind light and dark green; flesh bright red, solid, crisp and sugary; oblong.

Kolb Gem. Originated in Alabama and more largely grown in the South than any other melon; as a shipping variety has no superior, rind dark green, mottled; shape nearly round; quality superb.

MUSTARD

White London. Considered the best for salads and spinach; leaves light green. It is best when about 4 inches high.

Packet, 6 cents. Ounce, 10 cents.

New Chinese. Its leaves are about twice the size of White, and of a sweet, pungent flavor. Packet, 5 cents. Ounce, 10 cents.

ONION SEED

Prizetaker. This variety, of recent introduction, annually grows in favor. It excels every onion now existing in beauty, size and productiveness, and equals the best in quality, being as mild in flavor as the imported Spanish Onions of our groceries. Can be grown successfully in any locality where other Onions are produced. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Having a small neck, stiff necks are almost unknown. We call attention to this fact. Our seed is the choicest American-grown, and not imported Spanish King, as sold by some dealers at low prices under the name of Prizetaker. Packet, 5 cents.

White Pickling. We believe this to be the earliest and most rapid growing of all the small, extra early varieties. As a pickling Onion it excels all others, owing to its beautiful pearl-white skin, handsome shape and productiveness; for bunching it cannot be equaled.

Packet, 5 cents. Ounce, 10 cents.

Southport Large Red Globe. Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices.

Packet, 5 cents. Ounce, 10 cents.

Southport White Globe. A large, globe shaped Onion; firm, fine grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price.

Packet, 5 cents. Ounce, 10 cents.

Southport Yellow Globe, Selected. All grown from selected, hand picked bulbs; none but those perfect in size, and shape being set for seed. Always brings highest prices in market.

Packet, 5 cents. Ounce, 10 cents.

Yellow Globe Danvers. Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. The product of this seed always finds a ready sale, even when the general crop is a "glut" on the market, and will always average 50 cents per barrel more than other strains. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed.

Packet, 5 cents. Ounce, 10 cents.

ONION SETS

Potato Onions, or Irish Multiplier. Pint, 15 cents. Quart, 25 cents.

Red Onion Sets. Pint, 15 cents. Quart, 25 cents.

White Onion Sets. Pint, 15 cents. Quart, 25 cents.

Yellow Onion Sets. Pint, 15 cents. Quart, 25 cents.

Large Red Wethersfield. Onion growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this Onion are grown each season from our seed by some of the largest growers in the United States, who realize the very highest prices for their crops.

Packet, 5 cents. Ounce, 10 cents. Prices in quantity on application.

OKRA OR GUMBO

It is highly esteemed in the South for making gumbo soup. The pods, when young and tender, should be sliced in sections, strung on a thread and hung in the shade to cure, like dried apples; can be used for a soup at any time.

White Velvet. Great improvement over the older varieties; pods larger, white, smooth and a more abundant bearer; of superior quality.

Packet, 5 cents. Ounce, 10 cents.

PARSLEY

Prices on all varieties as follows: Packet, 5 cents. Ounce, 10 cents.

Champion Moss Curled. An English strain with moss curled foliage; vigorous grower; a standard variety; desirable.

Large-Rooted Hamburg. The edible portion of this variety is the fleshy root, which resembles a small parsnip; good for flavoring soups.

Plain. Leaves plain and dark colored; very early and therefore popular.

PARSNIP

Large Sugar, or Hollow Crown. A reliable and favorite sort for general culture.

Packet, 5 cents. Ounce, 10 cents.

PEAS

If sent by mail, add 8 cents per quart extra.

Extra Early Dwarf Peas. Prices of all varieties as follows: Packet, 5 cents. Pint, 20 cents. Quart, 35 cents. Ask for our prices on larger quantities.

Bliss American Wonder. One of the earliest wrinkled sorts, and one of the most popular. Height, $\frac{1}{2}$ foot.

McLean's Little Gem. Very early, prolific and of delicious flavor. Height $1\frac{1}{2}$ feet.

Extra Early Premium Gem. An improvement on Little Gem. Height $1\frac{1}{2}$ feet.

Notts Excelsior. Very early; pods always well filled with Peas of the finest quality. Height, $1\frac{1}{2}$ feet.

Suttons Excelsior. New. As early as American Wonder, with much larger pods, and more prolific. Height, 1 foot.

Extra Early Peas. (Not Dwarf). Prices as follows, except where otherwise noted: Packet, 5 cents. Pint, 15 cents. Quart, 25 cents.

Alaska. The earliest blue pea; a fine sort; popular with canners and market gardeners; ripens uniformly. Height, $2\frac{1}{2}$ feet.

Packet, 5 cents. Pint, 15 cents. Quart, 25 cents.

Ammer. New extra early blue Pea; large dark green pods; on order of Gradus. Height, 3 feet.

Packet, 5 cents. Pint, 20 cents. Quart, 40 cents.

Second Early Peas. Prices as follows, except where otherwise noted: Packet, 5 cents. Pint, 20 cents. Quart, 35 cents. Prices in quantity on application.

Alderman. New. Extra large, dark green pods on order of Duke of Albany; very fine Height, 4 feet.

Packet, 5 cents. Pint, 25 cents. Quart, 45 cents.

Gradus or Prosperity. Without doubt the finest extra early Pea yet introduced; it is in condition to pick about four days after Rices Extra Early. The pods are very large, and well filled with large, wrinkled deep green Peas of the very finest quality. Height, 3 feet.

Packet, 5 cents. Pint, 30 cents. Quart, 50 cents.

Thomas Laxton. Similar to Gradus, but more hardy and productive. Height, 3 feet. Packet, 5 cents. Pint, 30 cents. Quart, 50 cents.

Dwarf Champion. Improved. This Pea gives universal satisfaction; very productive; large Peas of fine flavor. Height, 2 feet.

Dwarf Telephone. (Carter's Daisy). Excellent new variety; large well-filled pods. Peas of fine flavor. Height, 1½ feet.

Packet, 5 cents. Pint, 30 cents. Quart, 50 Cents.

Telephone. Pods large, filled with immense Peas of first-class quality; one of the very finest introduced. Height, 4½ feet.

Late Peas for General Crop.

Prices as follows, except where otherwise noted: Packet, 5 cents. Pint, 20 cents. Quart, 35 cents. Prices in quantity on application.

Canada Field. Seed small, white; for field culture only; largely used for sowing among Oats. Height, 3 feet.

Packet, 5 cents. Pint, 10 cents. Quart, 15 cents.

Champion of England. One of the richest and best-flavored Peas; well known and popular. Height, 5 feet.

Packet, 5 cents. Pint, 15 cents. Quart, 25 cents.

Sugar, Mammoth Melting. (Edible Pods). A fine new variety, producing abundantly; large, broad pods, very brittle and entirely stringless. Height, 4 feet.

Packet, 5 cents. Pint, 30 cents. Quart, 50 cents.

PEPPER

Packet, 5 cents. Ounce, 25 cents.

Chinese Giant. New. The largest and finest mild red variety.

Packet, 10 cents. Ounce, 50 cents.

Large Bell or Bullnose. A favorite and well known pickling sort; is early, large, mild, and thick-skinned.

Long Red Cayenne. A small, long, bright red sort, very productive, extremely strong and pungent.

Packet, 5 cents. Ounce, 20 cents.

Red Cherry. Fruit small and cherry shaped; largely used for pickles, as they are very hot.

Packet, 5 cents. Ounce, 20 cents.

Ruby King. The best and most profitable mild red pepper for market or family use; so sweet and mild they can be eaten raw like an apple; largest size.

Packet, 5 cents. Ounce, 30 cents.

Sweet Mountain, or Mammoth. Large and mild-flavored; a well known standard sort; color glossy red; rind thick and fleshy; popular with all growers for market.

PUMPKIN

Connecticut Field. This variety is most extensively used throughout New England and New York for field culture; is generally planted with corn.

Large Tours, or Mammoth. A French variety; grows to an enormous size; has weighed as high as 200 pounds; frequently weighs 100 to 150 pounds, and is used mainly for feeding stock. Rather oblong; has very large seeds

Sweet, or Sugar. This is a small, round, and very prolific variety; skin and flesh deep orange-yellow; very fine grained, sweet and fine for pies.

The Pie Pumpkin of New England. One of the most satisfactory kinds to grow, either for home use or market. Always brings good prices.

Prices: Packet, 5 cents. ½-pound, 15 cents. 1 pound, 25 cents.

RADISH

One ounce will sow 100 feet of drill.
Packet, 5 cents. Ounce, 10 cents.

Crimson Giant. Extremely large, but never pithy, suitable for forcing or open culture. Very tender and crisp.

Packet, 5 cents. Ounce, 15 cents.

Early Deep Scarlet. An early, round, deep scarlet skinned variety; crisp and tender.

Early Round Dark Red. Skin very deep dark red; very early and pleasant flavored.

Early Scarlet. A well known early turnip-shaped variety; very quick grower.

Early Scarlet, White Tipped. A handsome, very early round sort; skin bright scarlet on top and shading to white on the bottom; crisp and fine; very popular.

Olive-shaped, French Breakfast. Pink color, olive shape, white tipped, and the favorite variety in the markets of Paris, popular everywhere.

Long Brightest Scarlet. Color vivid scarlet, tipped with snow white; very juicy, sweet and crisp, and a rapid grower.

Long Chartier, or Shepard. A very handsome and attractive variety; tender and crisp, and does not become pithy or hollow for a long time after attaining its full growth. Its shape is long, deep crimson at the top and shading off to white at the bottom.

Long Icicle. The finest white variety; very early.
Packet, 5 cents. Ounce, 10 cents.



FALL OR WINTER RADISHES

Packet, 5 cents. Ounce, 10 cents.

California Mammoth White Winter. This is the largest of all radishes and is sometimes called Mammoth White Russian. Roots grow 10 to 12 inches long and are solid, tender, and crisp; keeps well through the winter.

Half Long Black Spanish. Intermediate between long and round black Spanish.

Long Black Spanish. Flesh white, solid and pungent, though milder than Black Spanish.

Round Black Spanish. A long, black skinned variety, flesh white and slightly pungent; one of the latest and hardiest.

Rose China Winter. Bright rose-colored skin; flesh white and quality excellent; one of the best for fall and winter use; a favorite with marketmen.

• **White Chinese, or New Celestial.** It is ready for use when 2½ or 3 inches long, and continues until nearly 6 inches long, making it almost an all-season Radish. The flesh is firm, solid and pure white, and is very attractive in appearance.

RHUBARB

Myatt's Linnaeus Giant. An early and very fine variety; leaves and stalks of immense size. Juicy and tender; grows quickly, producing fine succulent stalks.

Packet, 5 cents. Ounce, 15 cents.

SUNFLOWER

Persons wishing to purchase in quantity will please write for special prices.

Mammoth Russian. The standard large-growing variety, which is used largely for feeding poultry.

Packet, 5 cents. $\frac{1}{2}$ pound, 10 cents. Pound, 20 cents.

SPINACH

Packet, 5 cents. Ounce, 10 cents. $\frac{1}{2}$ pound, 20 cents. 1 pound, 30 cents.

Bloomsdale Savoy Leaved. A heavy cropper, of fine quality and very hardy; succulent leaves; curled and crinkled like a Savoy cabbage; hardiest and most productive sort.

Long Standing Thick Leaved. Stands the longest before running to seed; dark green. Grown especially for us in Holland.

SALSIFY, OR OYSTER PLANT.

Mammoth Sandwich Island. We consider this the largest and most profitable Salsify in cultivation: roots are two to three times the size of the ordinary Salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market-gardeners.

Packet, 5 cents. Ounce, 15 cents.

SQUASH

Packet, 5 cents. Ounce, 10 cents.

Early White Bush Scalloped. A standard summer variety; good either for home or market garden.

Delicious. Skin green, flesh orange, fine grained, sweet and dry.

Boston Morrow. Fine fall variety; oval, bright orange, flesh yellow and firm; best for pies, and also for canning.

Fordhook. Skin bright yellow; flesh straw color; is very dry and sweet; one of the handsomest and best keeping winter varieties.

Giant Summer Crookneck. Double the size of the ordinary Crookneck and very warty, but similar in other respects. Their handsome appearance commands an extra price in the market.

Improved Hubbard. The well-known and standard late variety; our strain is excellent.

TOMATO

Packet, 5 cents. Ounce, 20 cents.

Beauty. (Livingston's). Large, smooth, pinkish red; thick, flesh, regular form.

Dwarf Champion. Distinct in foliage and habit of growth, being compact and upright; fruit smooth, early and purplish red.

Packet, 5 cents. Ounce, 25 cents.

Dwarf Stone. New. As early and nearly double the size of Dwarf Champion, much more productive.

Packet, 5 cents. Ounce, 30 cents.

Earliana. New. Claimed to be the earliest; large, smooth, red; very prolific.

Packet, 5 cents. Ounce, 35 cents.

Chalk's Jewel. New. Very early, productive; smooth, round, of superior quality.

Packet, 5 cents. Ounce, 25 cents.

June Pink. New. Very early of medium size, round, smooth and very solid. Color pink.

Packet, 10 cents. Ounce, 30 cents.

Matchless. Very large, smooth, solid, and fine flavored; cardinal red.

Packet, 5 cents. Ounce, 25 cents.

New Peach. Resembles a peach in size and shape; color red; fine for preserves, pickles and for exhibition.

New Stone. A great favorite with canners; the heaviest and most solid fruited of the large Tomatoes of good quality. Our stock is distinctly superior to most of that offered under this name, being more uniform, better colored and larger. Fruit round, apple shaped, very large, deep red, and astonishingly heavy.

IDENTIFIED SEEDS

Perfection. (Livingston's). A standard sort; early, regular and productive; a splendid spherical Tomato for canning or shipping; blood red; has few seeds.

Ponderosa. Very Large, solid, and of good flavor; specimens have been grown to weigh 4 pounds; color bright red; very few seeds.

Packet, 5 cents. Ounce, 40 cents.

Truckers Favorite. The finest large purple-fruited sort.

Packet, 5 cents. Ounce, 25 cents.

Yellow Cherry. Similar to Red Cherry, except in color.

Packet, 5 cents. Ounce, 25 cents.

Yellow Plum. Fruit Plum-shaped, deep yellow color; flesh yellow and good; esteemed for preserves.

Packet, 5 cents. Ounce, 25 cents.

Golden Queen. Yellow; ripens early; is large sized, smooth and solid, of very fine appearance and excellent quality. If sliced in with the red sorts it forms an attractive dish.

TURNIP

Packet, 5 cents. Ounce, 10 cents.

Early Snowball. A pure snow-white variety, round as a ball, medium size, and fine quality, very early.

Extra Early Purple Top Milan. The earliest Turnip in cultivation, and a splendid variety; bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts.

Early White Flat Dutch. A flat, white sort; very sweet and fine grained; excellent for garden culture, and most beautiful.

Red or Purple Top Strap-leaved. The most widely cultivated and best-known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground. Though used for stock feeding, it is esteemed as a fine table variety.

Yellow Aberdæen. Purple Top. Very handsome; round and flat, reddish purple on top, pale yellow on bottom; flesh pale yellow, tender and fine flavored.

RUTABAGA

Improved American Purple Top. This strain is of American origin, bred to a smaller top and short neck. Bulbs are of great size, yellow fleshed, with purple crown, and one of the most desirable varieties now cultivated.

Packet, 5 cents. Ounce, 10 cents.

SWEET PEAS

Packet, 5 cents. Ounce, 10 cents.

The Beautiful and Popular Flower of the Day. Mixed and Separate Colors.

BEST MIXED LAWN GRASS SEED

Per pound, 25 cents. Other Grass Seeds, prices on application.

Kentucky Blue Grass. Valuable for lawns as well as pastures. Our stock is double extra clean.

Orchard Grass. (Choice Quality). Will endure considerable shade.

Red Top Grass. Valuable as a permanent grass, either in meadows, pastures, or lawns. Our stock is fancy re-cleaned.

White Clover. For lawns; choice stock.



GENERAL LIST OF ANNUAL FLOWERS

We have this year abstracted the Perennial from our General Flower Seed List and offer them further on in the catalog, a change which will, we are sure, be helpful to our readers as they will know at a glance to which class a plant belongs, while the combining of the Perennial Plants and Seeds very much facilitates the ordering of either or both.

Quality First is our aim in selecting our flower seed stocks this year.

We spare no trouble or expense to secure for our special Mixtures the choicest sorts and the widest range of shade and color. We pride ourselves upon them, and our customers may depend upon it that any mixture listed as Our Special Mixture is the best of its kind in existence.

AGERATUM

One of the best summer blooming plants grown from seed. They are rapid growers, early and constant bloomers. During the hot dry summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 inches apart and they soon make a mass of charming color. Packet, 5 cents.

ALYSSUM

Little Gem, Snow-white Carpet Plant. These plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other flower which is so particularly well adapted for borders, ribbons, etc., as our Little Gem Alyssum. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit, with its fragrance, makes it indispensable. Packet, 10 cents.

SNAPDRAGON

For gorgeous coloring, few flowers match Snapdragons. The flowers of this new strain are of very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut-flowers. They are easily raised from seed in any rich sunny bed. It is intended for winter flowering inside, cut back in September. Packet 15 cents.

ASTERS

During the late summer and early fall the garden is usually a riot of reds and yellows, so the asters in their dainty and distinct colors as well as their attractive forms are a pleasing addition. In their improved forms one can scarcely tell them from the Chrysanthemums, to which they bear a striking resemblance. The long stems make them desirable for cut flowers and the blooms last long in water. It should be remembered however, in regard to Asters that good culture is essential in order to obtain an abundance of fine flowers.

Giant Comet. This giant class is an improvement on the old end inferior Comet class, not only in bearing much larger flowers, but the petals are longer and broader. All colors. Packet, 10 cents.

White
Sulphur Yellow
Queen of Spain, soft yellow turning to flesh
The Bride, white turning to pink
Salmon Rose
Rose
Carmine
Crimson
Light Blue
Lavender
Dark Blue

Daybreak. The Daybreak class forms strong, bushy plants of very even growth. The full round flowers grow on strong, stiff, upright stems. Extremely valuable for bedding. Daybreak. Shell pink. Packet, 10 cents.

Carlson or Invincible. The Early Branching Aster. The flowers are large and firm; the stems long and stiff, and the colors are decided and pleasing. The plants grow about 24 inches high and come into bloom 10 days before the Giant Branching Aster.

White
Daybreak Pink
Rose Pink
Lavender
Violet Blue

Each of the above, ½-ounce, 25 cents. Packet, 10 cents.

All colors mixed, ½-ounce, 20 cents. Packet, 10 cents.



IDENTIFIED SEEDS

BLAIR HARPER & CO.

Daybreak. The Daybreak class forms strong bushy plants of very even growth. The full round flowers grow on strong, stiff upright stems. Extremely valuable for bedding. Daybreak. Shell pink. Packet, 10 cents.

Carlson or Invincible. The Early Branching Aster. The flowers are large and firm; the stems long and stiff, and the colors are decided and pleasing. The plants grow about 24 inches high and come into bloom 10 days before the Giant Branching Aster.

White
Daybreak Pink
Rose Pink

Lavender
Violet Blue

Each of the above $\frac{1}{2}$ -ounce, 25 cents. Packet, 10 cents.

All colors mixed, $\frac{1}{2}$ -ounce, 20 cents.

Giant Branching Aster. Beautiful asters for cut-flowers. Quite different in several respects from any other aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, born on long, stiff stems, and the colors clear and handsome. Packet, 10 cents.

White
White, turning to Rose
Flesh Pink
Rose Pink

Cinnebar Carmine
Crimson
Scarlet
Lavender
Purple

All colors mixed, $\frac{1}{2}$ -ounce 20 cents.

Each of the above, $\frac{1}{2}$ -ounce 25 cents.

DOUBLE BALSAM. (Lady Slipper). $1\frac{1}{2}$ to 2 feet.

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil and plenty of water. For perfect development the plants should be set from 12 to 18 inches apart. Transplanting two or three times has the tendency to dwarf the plants into better shape and to make the flowers more double. Packet, 5 cents.

Double Rose and Camellia-flowered. Mixed. Packet, 5 cents.

CALENDULA. (Pot Marigold). 1 foot.

This is the "Marygold" of Shakespeare's time; one of the best and showiest free flowering hardy annuals, growing in any good garden soil, producing a fine effect, in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture, blooming freely in winter and early spring. Packet, 5 cents. All colors mixed. For woodlands, wild gardens. Packet, 5 cents.

CALLIOPSIS. 6 inches to 2 feet.

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers, which are greatly prized for bouquets and vases. They will thrive everywhere, even in city gardens, where their bright colors are highly appreciated.

Crown of Gold. (Coronata Maxima.) Splendid cutflower. Pure golden yellow, 2 to 3 inches across, on long wiry stems; hardy and blooms nearly all season. Packet, 10 cents.

Golden Ray. 6 to 8 inches. Flowers golden yellow with dark purplish-brown center. Packet, 10 cents.

Drummondi. (Golden Wave. 2 feet. Flowers yellow with a circle of rich crimson-brown around the eye. $\frac{1}{2}$ -ounce 10 cents. Packet, 5 cents.

Hybrida Superba. Forms dense bushes desirable for pots, groups and borders. Packet, 10 cents.

Radiata Tigrinia. (Tiger Flower). 6 to 8 inches. Flowers large reddish-brown, turning golden-yellow. Packet, 10 cents.

Tall Varieties. Mixed. Valuable for wild gardens, etc., and for cutting. Packet, 5 cents.

Dwarf Varieties. Mixed. Valuable for small mixed beds and borders. Packet, 5 cents.

Double Mixed. Packet, 5 cents.

Special Mixture. This is the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it. Packet, 5 cents.

Canary Bird Vine. 15 to 20 feet. Neat and attractive climber, yellow flowers freely produced with tender green foliage. Packet, 5 cents.

CANDYTUFT

These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edgings they are admirably adapted, while for cutting the flowers are greatly prized. Packet, 10 cents.

CARNATIONS

The Carnation has long been prized as a hardy border flower, and it certainly deserves all the praise lavished upon it. Being hardy, free-flowering, and easily grown either in flower beds, borders or pots, it is one of the most valuable and beautiful of our summer flowers and a favorite with everyone. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred.

Chabaud Mixed. A remarkable strain raised by a Carnation specialist in southern France. Blooms in five months after being sown, and continues to flower indefinitely in the greatest profusion. Packet, 15 cents.

Giant Margaret Mixed. The flowers are of very large size, measuring 3 inches or more in diameter; the colors include all the shades of white, pink, crimson and striped. Upright growth requiring hardly any support, their yield of flowers is wonderful. Packet, 15 cents.

CELOSIA CRISTATA. (Coxcomb), Dwarf. 8 inches.

Very popular annuals of easy culture, producing large, ornamental, comb-like heads like ruffled chenille. Prized for pots or summer flower beds. Packet, 10 cents.

President Thiers. Fine Dwarf habit, with bronzy foliage and large handsome velvety crimson combs. Packet, 10 cents.

Colors: Rich Fiery Orange Scarlet.
Blood Red Combs and Brown Foliage.
Golden Yellow Combs.
Pink Combs.

Dwarf Mixed. All the above and others. Packet, 10 cents.

TALL FEATHERED VARIETIES. 2½ to 3 feet.

These stately plants are considered among the most ornamental, and should not be omitted in any garden. They generally form pyramidal bushes branching out in candleabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage.

Colors: Orange ostrich plume, crimson. Mixed, 5 cents.

BACHELOR BUTTON. 2 feet.

Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty. Re-seeds itself and may be used for naturalizing purposes with the English Scarlet Field Poppy.

All colors, or mixed. Packet, 5 cents.

COBAEA SCANDENS. (Cathedral Bells). 30 feet.

One of the handsomest and rapid growing climbers. The flowers are bell-shaped and of a purplish lilac. A very vigorous and prolific bloomer. Packet, 5 cents.

COSMOS. (Giant Flower.) 6 feet.

Autumn blooming plants of exceedingly graceful habit. The dainty flowers are poised butterfly like on the feathery green foliage. If stopped when half grown, the plants bloom much earlier, the check inducing immediate flowering.

Early Flowering. These are dwarfer than those offered above, blooms earlier in fact, at mid-summer the bushes are fairly smothered with their attractive flowers. Packet, 10 cents.

Colors: White, Pink, Crimson. All colors mixed. 10 cents a packet.

CYPRESS VINE

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work.

Colors: White, Crimson, mixed. Packet, 5 cents.

CALIFORNIA POPPY. 1 foot.

The State flower of California. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early Spring until frost. Sow the seeds where the plants are to remain. Packet, 5 cents.

GAILARDIA. (Blanket Flower). 1½ feet.

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. Packet, 5 cents.

IDENTIFIED SEEDS

GOURDS. 20 feet.

These are desirable in many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 feet in a season and the blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls. Packet, 5 cents.

MOONVINE. 20 feet.

Beautiful rapid annual climbers. Foliage very dense and in some kinds of remarkable shape. The flowers in their wide range of delicate coloring are poised on slender stems. Many of the sorts open only when the sun rises, others when the sun sets. Some are fragrant. Seed should be soaked in warm water for 24 hours before sowing to assist rapid germination. The seeds about the size of a pea should be notched with a file before soaking.

Special Mixture of Japanese Morning Glories. The variety of color is infinite, running from snow white through all possible shades of blue and red from palest pink to darkest reds and purples. Flowers are streaked marbled, mottled, striped and bordered in wonderful fashion. The leaves are also very handsome; some are ivy-like, others are heart-shaped, some are rich green, while others are streaked and marbled with white and silver or yellow; others with choicest flowers, have rich golden leaves. Packet, 5 cents.

MARIGOLD

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply wonderful. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. The Single French and the Dwarf Single French Marigolds hold the chief place in the class. They are most effective in ribbon borders and as edgings to beds of tall flowers, such as Salpiglossis and Zinnias. Packet, 10 cents.

MIGONETTE. 6 to 12 inches.

No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes of combining bouquets with other more pretentious blossoms without its delicate odor. Very sweet; spikes very thick; one of the best for out of doors. Packet, 5 cents.

Goliath. Fine Pramidal bushes, foliage rich green, contrasting strikingly with the bright red flowers. Flower stalks tall and strong, spikes often 7 inches long by 1 inches in diameter. Packet, 10 cents.

Machet. It is the best Migonette for all purposes either outside or inside. It is an ever bloomer, the flowers lasting until late in the fall. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Packet, 10 cents.

MIRABILIS. 2 feet. (Marvel of Peru or Four O'Clocks).

This is another good old fashioned flower of bushy habit bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, flakes and splashes in such a manner as to give the flowers a most bizarre effect. Mixed all sorts and colors. Packet, 5 cents.

NASTURTIUMS.

Few plants are so useful or rich in color as the Nasturtiums.

They surpass the Geranium and Calceolaria in brilliancy of color and profusion of bloom; they should be given a dry poor soil, as on a rich or manured ground they are inclined to run to leaf. Where such is the case lime rubbish should be mixed with the soil. The sorts we enumerate are the most decorative and beautiful of all.

Special Mixture of Dwarf Nasturtiums. Dwarf Nasturtiums are most admirably adapted to beds and borders. Our Special Mixture of Dwarf Nasturtiums, is put up by ourselves from name sorts, and also contains a large share of the Liliput Nasturtium and of the dwarf Chameleon which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers.

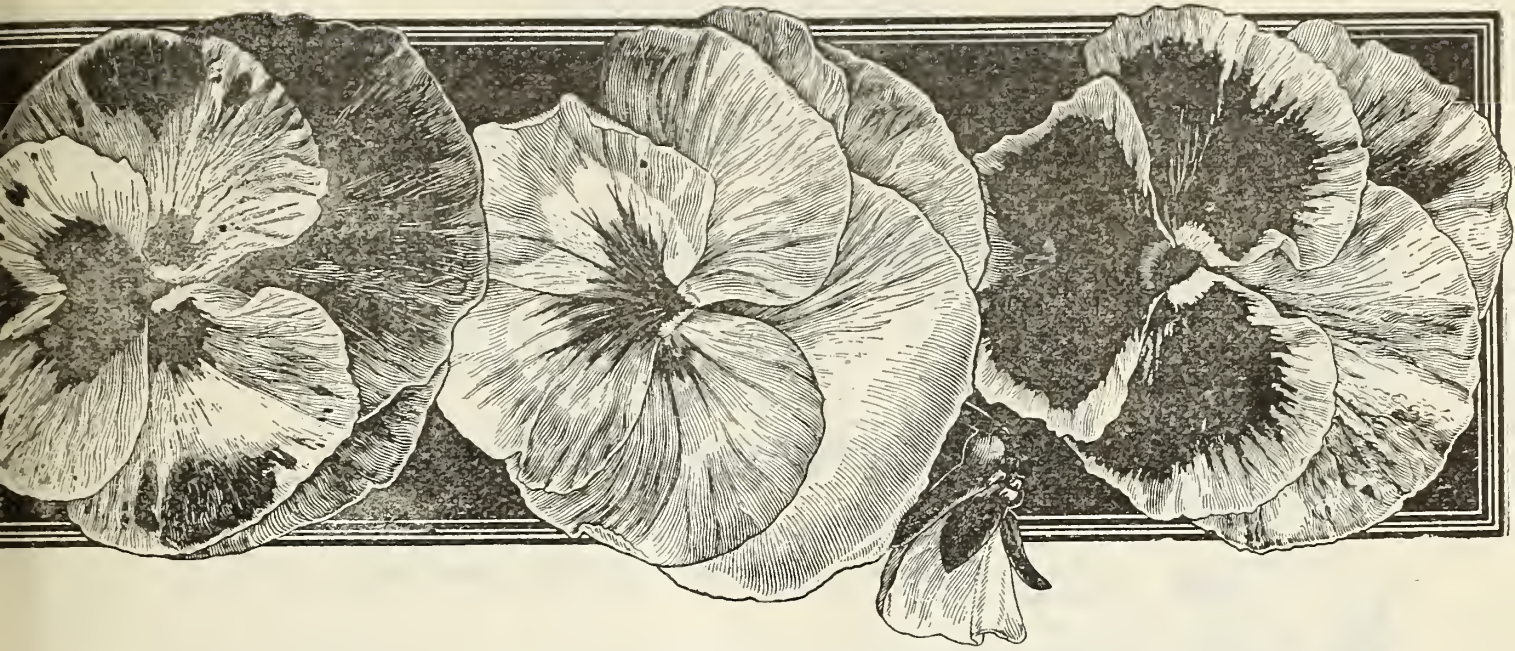
1-ounce 15 cents. Packet 10 cents.

Special Mixture of Tall Nasturtiums. We call special attention to this Mixture. In it will be found all the choicest colors of all the Tall Nasturtiums, the rich, velvety Lobb's varieties, the Canary bird creeper, the Hybrids of Madam Gunther, Coquette and the new variegated leaved varieties.

1-ounce 15 cents. Packet 10 cents.

PETUNIAS.

Best Mixture of Large Flowering Single Petunias. This mixture is made by ourselves and includes, besides the Giant Ruffled, all the colors of the large flowering and fringed sorts, and the unsurpassed superbissima varieties, with their delicately veined throats in various colors and their truly mammoth flowers. We are positive no other Petunia mixture can produce flowers with as wide a range of colors as our Best. Packet, 5 cents.

**PANSY.**

In Spring the Pansy blooms continuously, producing a matchless effect in designs, beds and ribbons. Seed sown in winter and spring produces flowering plants for spring and summer. In order to obtain fine blooms the Pansy should be given a fairly rich and not too dry a soil. During dry weather the plants must be kept well watered and if large flowers are desired only a proportion of the shoots should be allowed to bloom, the rest being pinched back. Our Best Giant sorts. Packet, 5 cents.

DRUMMONDI SEMI-PLENA. (Double Phlox).

Especially desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil.

Special Mixture. Contains all varieties and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. Packet, 15 cents.

POPPIES.

Poppies are noted for their satiny flowers of silk-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are airily poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Plant the seed in succession two weeks apart for a continuous bloom all summer. Mix seed with sand before sowing so as to distribute the seed thickly and evenly when sowing.

Special Mixture of Single Poppies. This mixture includes all choice Poppies. It is extra choice. Packet, 10 cents.

Double Annual Sorts. Special Mixture of Double and Single Poppies. Comprises all the double and single poppies including some entirely new varieties. Packet, 10 cents.

RICINUS. (Castor Bean).

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Moles are trouble-some in many gardens, but they may be kept away by planting Castor Beans in the Borders. Packet, 5 cents.

SALPIGLOSSIS. 2½ feet.

Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube shaped much like a Petunia but rivalling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. The Salpiglossis is deservedly known as the Orchid of Hardy Annuals. If you are not familiar with this, try one package and we know your garden will always contain it after you have seen it. Packet, 15 cents.

Our Special Mixture. This mixture is put up by ourselves of separate varieties and is without doubt the best mixture obtainable. Packet, 15 cents.

SALVIA SPLENDENS. (Scarlet Sage).

The Salvia Splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses; it makes a good pot plant, does well in window boxes and is useful for cutting. Its best use, however, is as a hedge or border plant, for brilliant color effect. Packet, 10 cents.

SCABIOSA. (Mourning Bride). 2½ feet.

Commonly known as the Pincushion Plant owing to the queer effect of the center of the flower. The outer petals making a ruffle around the cushion filled with pins, carries out the idea. The flower stems are long and the blossoms keep well in water. The soft shades predominate. Packet, 5 cents. Complete varieties of all kinds.

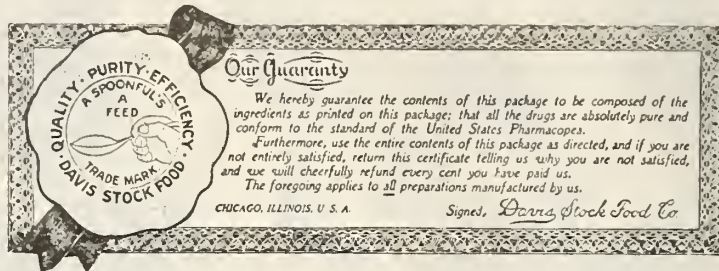
ZINNIAS.

Youth and Old Age. Those attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes and are remarkable for the profusion and duration of their flowers, which are extremely useful for brilliancy and diversity of color. The plants come quickly from seed and are easily transplanted.

Giant Flower Mixed This is a mixture of the largest Zinnias; plants are of vigorous growth, about 3 feet in height and very profuse of bloom. The flowers are extremely double, and very brilliant in color, showing shades not found in any former collection. Be sure and include this in your order. ½-ounce. 30 cents. Packet, 10 cents.

STOCK REMEDIES

It is only after a very careful consideration of the merit of the different brands of stock food, that we are offering you the Davis Products. We feel positive that in listing the following remedies put out by the well known Davis Company that you will receive full value for every dollar invested. We call your attention to the guarantee given by the Davis Company which in itself should assure each prospective buyer.



MEDICATED SALT, TONIC AND CONDITIONER.



Positive worm expeller, preventive of Swine Plague, Hog Cholera. Tones the system.

Invigorates the appetite.

Increases assimilation.

Keep before all stock at all times they will not overeat but take it as their system demands it.

Do not feed any salt when using Davisal.

Sold with the positive guarantee of manufacture and usefulness or your money cheerfully refunded.

Put up sold and shipped as follows.

PRICES.

Pails 20-pound.	Net weight.....	\$1.25
Pails 40-pound.	Net weight.....	2.50
Drum 50-pound.	Net weight.....	3.00
Drum 100-pound.	Net weight.....	5.00

Order a trial shipment of one pound for each hog and four pounds for each or horse head of cattle. One half pound for sheep.

DAVIS POULTRY FOOD TONIC.

Add lustre to your birds, increase the number of eggs, have them in the winter, prevent disease such as Roup, Cholera, Gapes, etc. by using

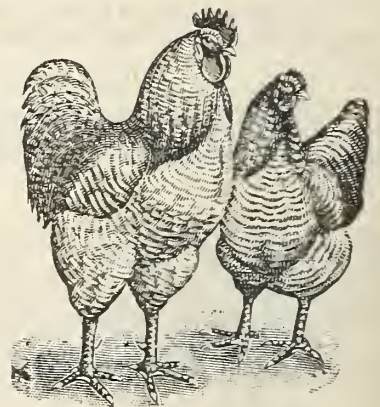
Davis Poultry Food Tonic the best tried for years and recommended by the largest fanciers.

One trial will convince you that it will save and make you money.

Put up, sold and shipped under our positive guarantee of satisfaction or your money cheerfully refunded.

PRICES.

Pails 12-pound.....	\$1.25
Pails 25-pound.....	2.25
Sax 25-pound.....	2.00
Sax 100-pound.....	7.25
Drums 50-pound.....	4.00
Drums 100-pound.....	7.75



DAVIS STOCK DIP AND DISINFECTANT.

Deodorant Disinfectant Germicide Insecticide preventive of Epidemics. For use in the home, halls, public buildings, schools, etc.

For stock dilute in the ratio of one part Dip and seventy-one parts water use, with a Sprayer for scabs, lice, ticks, Foot Rot in Sheep.

More powerful than Carbolic Acid, safe to use.

Put up, sold and shipped as follows:

PRICES.

One Gallon Wood Jacketed Can.....	\$1.25
Five Gallon Wood Jacketed Can.....	5.00
One-half Barrel, 30 Gallons.....	20.00
Barrels, 50 Gallons.....	30.00



DAVIS STOCK FOOD TONIC

Only chemically pure drugs used. No substitutes can be found in our factory
Sold with our positive guarantee of satisfaction if used as directed to produce results or your money cheer-
fully refunded.

Tones the system, increases assimilation, creates a hearty appetite, improves the quality and supply of the
dairy cow, fattens hogs, cattle and horses, the horse standing in the stable will not have a tendency to "stock".
An all round conditioner for farm live stock.

Circus horse owners, always feed a tonic to 'shape' their horses for the show ring,
Feed two pounds twice daily for fifteen head of cattle or horses, along with their regular
feed, for hogs feed two pounds twice daily to twenty head, reduce the amount for shoats
calves and sheep according to size.

For animal ill or in very poor condition increase to three feeds a day for two
weeks then give as directed.

Put up, shipped and sold as follows:

PRICES.

Pails	12 pounds net.....	\$1.25
Pails	25 pounds net.....	2.25
Sax	25 pounds net.....	2.00
Sax	100 pounds net.....	7.25
Drums	50 pounds net.....	4.00
Drums	100 pounds net.....	7.75



THE PRACTICAL FARM ACCOUNT AND RECORD BOOK

Complete Account of Hogs, 1914.

DATE	PERSON, FIRM OR ACCOUNT	ITEM, DESCRIPTION, PRICE	CASH		LABOR MODRS			AMOUNT	
			RECEIVED	PAID	MAN	HORSE	TRACTOR	CHARGES	CREDITED
" 81	This Account	Breeding animals							
		On Hand for Inventory							240 00
" 81	" "	60 shoats @ \$8.00 ea.							
		On Hand for Inventory							480 00
" 81	" "	Interest on equipment, buildings							
		and pens, \$300.00 @ 6% plus							
		8% depreciation						27 00	
" 81	" "	Taxes assessed		10 00					
" 81	" "	Interest on inventory investment,							
		\$240.00 @ 6%							
								16 40	
		Total	960 00	74 25				942 05	720 00
			720 00					74 25	
		Total credits	1680 00						
		Total charges						1016 80	
			1016 80						
		Net profit	663 70						

This is a splendid 176 page book, well bound and ruled on extra quality paper. It is designed to contain
the accounts of the average farm for five years. This is especially desirable for the purpose of comparison. The
book also contains forms for crop, stock, employment and insurance records.

The Practical Farm Account and Record Book may be used in any one of the following ways:

- 1. To take a detailed yearly inventory only.
- 2. To take a yearly inventory and keep account of cash transactions only.
- 3. To take a yearly inventory and keep account of cash, labor, etc., showing at the end of the year cost
accounts on all departments of the farm.

Full instructions are found in each copy. Price \$2.00, post paid.

B. H. CO. READY MIXED PAINTS.

These paints are made of strictly pure pigments, finely ground in pure linseed oil by the most modern methods.
They are made in twenty attractive shades besides White and Black, and will outwear any other mixed paint
on the market. To figure the quantity of paint required add the number of feet front and rear to the number
of feet in length, (both sides) multiply this by the average height and divide the result by 300 (the number of feet
one gallon will cover two coats). This will give you the number of gallons you will need for two-coat work.

PRICES.

Barrels.....	\$1.20 per gallon
Half-barrels.....	1.25 per gallon
5-gallon Cans.....	1.30 per gallon
1-gallon Cans.....	1.35 per gallon

B. H. CO. BARN PAINT

This paint is without doubt the best wearing, best colored barn paint made today and carries a large per-
centage of linseed oil.

PRICES:

Barrels.....	\$0.80 per gallon
Half-barrels.....	.85 per gallon
5-gallon Cans.....	.90 per gallon
1-gallon Cans.....	.95 per gallon

B. H. CO. FLOOR PAINT

Our Floor Paints dry flint hard in 24 hours and if applied at night can be walked on in the morning. They have a high gloss and wear like iron.

PRICES:

1-gallon Cans.....	\$1.35 per gallon
½-gallon Cans.....	1.40 per gallon
¼-gallon Cans.....	1.45 per gallon

We have color cards showing colors of all of these paints that we will supply upon request and are in a position to ship all orders promptly.

MEDUSA WATERPROOFING

Makes Concrete impervious to water, prevents discoloration and gives absolutely permanent results. We earnestly recommend this wonderful compound to be mixed with a cement used in building cellars, cisterns, water tanks, or in fact, any place where a waterproofing material should be used, in connection with cement work. It is positive in its results and cheaply and easily applied. We offer in two forms as follows:

Medusa Waterproofing Compound is a powder to be mixed with Cement, 2 pounds to each sack of cement or 8 pounds to the barrel. Cement put up in 40-pound paper lined cloth bags.

PRICES:

Less than ton lots, 12 cents per pound. Ton lots, 10 cents per pound. F. O. B. Dixon, Ills., Syracuse, Ind., Bay Bridge, Ohio, and York, Pa.

Medusa Waterroofing Paste, is a paste and serves same purpose as powder but is easier to mix. Mix in same proportion as powder. Put up in 1-gallon can, 8 pounds. 5-gallon can, 40 pounds.

Single gallon, 15 cents per pound. Larger lots 12 cents per pound. F. O. B. Dixon, Ills., Syracuse, Ind., Bay Bridge, Ohio, and York, Pa.



**DANDELION
and
WEED KILLER**

Dandelion, Pigweed, Burdocks and other common weeds quickly and easily destroyed, without cutting or digging. One operation with the "DANDY-LION" kills root and all.

HOW IT WORKS

All working parts are made easily accessible. Without the use of any tool, the base with all working parts are quickly un-screwed and opened up for cleaning or adjustment; as shown by small detail cut.

The Brass Ball handle at the upper end of the thirty-four inch Brass covered hollow steel tube enables the operator to stand in an upright position, and without tiring the hand, use the "DANDY-LION" in the same way you would a cane.

Another exclusive and important feature is the cross-pin through plunger. The plunger is pushed down into the crown of the weed and the hole enlarged by moving the handle with a circular motion. Then by pressing the handle until the cross-pin strikes the crown or ground, the valve opens, the desired amount of weed killing solution contained in the hollow tube is deposited in the centre of the root of plant to be killed and the work is done.

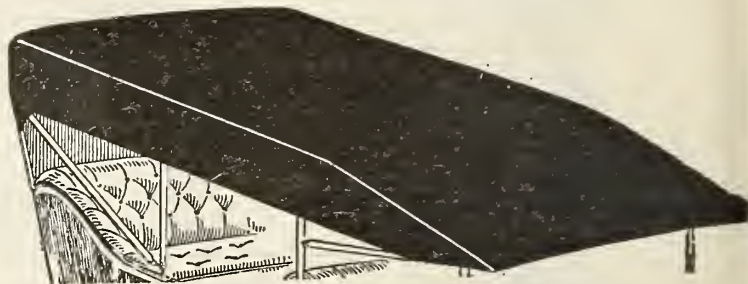
Another most important feature of the "DANDY-LION" is that the amount of solution used can be regulated by a slight adjustment of the valve. Some weeds require less solution than others and the saving, particularly where the commercial fluids are used, will soon pay for this "DANDY-LION" Killer.

No. 1 "DANDY-LION," with Brass covered cylinder, Brass Ball handle, removable base, valve, spring, etc. \$1.00.

No. 2 "DANDY-LION," with solid Brass cylinder, Brass Ball handle, removable base, valve, spring, etc. \$1.45.



Rub On the Auto's Top—Outside



AUTO TOP WATER-PROOFING

Makes Your Top Like New.

No matter what kind, don't throw away your top when faded and leaky. You need only to refill or resurface it with **RUB-R-TITE**. It will not crack even in zero weather—makes your top "smart" as new at small cost. Very easy to apply and very durable.

Quart cans for large size mohair, pantasote or rubber tops for water-proofing or dressing, \$1.50.

Pint cans for small mohair, pantasote or rubber tops, for water-proofing or dressing, \$0.85.

Half Gallons, \$2.75.

Gallons, for large consumers, \$5.00.



EXPERT SMUT DESTROYER**Sacks the Grain. Treats Oats, Barley, or Flax.**

The Expert Smutter saturates every grain passing through it. The Hopper or Grain Tank holds three bushels. The grain in the solution at the bottom is forced in under a pressure of the dry grain above it of 50 to 75 pounds. This causes the solution to penetrate and oats or barley must enter the solution as regularly as wheat. The worm or screw conveyor takes the wet grain from the bottom, conveying it up the pipe and delivering it in the sack. During this process it is stirred and mixed for half a minute or as thoroughly as it would be in shoveling over eight or ten times. Every grain is saturated.

The work of the Expert is regular. The pan under the grain tank holds 10 gallons of the solution. By means of the lever at the side of the machine the solution is kept at a certain height, controlling the amount taken up by the grain. All of the grain passing through the machine is delivered in exactly the same condition, and we know exactly when the action of the Formaldehyde will cease. Hence can use with safety a solution strong enough to do the work in the different kinds of smut.

The solution in the pan does not become polluted. That coming in contact with the grain is drawn out with the grain and fresh solution added in the pan, the pan holding enough to treat from 15 to 20 bushels of grain. The last bushel is as thoroughly treated as the first.

The Expert Smutter enables every farmer to treat his seed with no additional labor. He must take his grain from the bin and sack it up for seeding. The hopper of the Expert is large and can be filled more readily than sacks, and with this one handling the machine does the rest; wets the grain with just the right amount of solution; stirs and mixes it until there is not a kernel that is not covered and saturated and delivers it to the sack where it should remain until put into the drill. The wet grain is kept off the floor. The fumes of the Formaldehyde are well retained so that the work is not unpleasant.

The worm or screw conveyor that we use accomplishes all this. If you had a building to raise you would use a jack screw. The same principles is in the conveyor we use for lifting, the wet grain and is the reason why the Expert does all this work so rapidly and so easily that a boy can operate it as well as a man.

The capacity of the Expert Smut Machine is 50 bushels per hour. A boy can run it. Saves 75 per cent of the labor in treating. The machine is a perfect Portable Sack Holder as well, and the heavy galvanized pan can be used throughout the year. You get a combination that makes the machine method really the cheapest if you are going to treat at all.

The Expert Guarantee.

As to durability and construction we warrant every Expert Smutter to be in good condition after five years' use, furnishing any breakage free that comes through defect or wear of the machine.

The proportion of Formaldehyde to water usually recommended is; 1 pound of Formaldehyde to 40 gallons of water.

Prices: F. O. B. Aurora, Illinois, **\$18.75** each.

THE TEST-ALL GERMINATOR.**Rapid, Accurate, Inexpensive, Attractive, Durable.**

The question of a good seed germinator has heretofore been a problem—one that is practical for an experienced person and one which will give uniform results with all kinds, sizes and shaped seeds.

A tester giving accurate results at a reasonable price. The **TEST-ALL** has all these features. It automatically furnishes the correct amount of moisture for growing the seeds.

The evaporation of moisture beneath the blotters on which the seeds are placed renders a uniform and ideal condition. In no other tester has this been satisfactorily accomplished.

The **TEST-ALL** is constructed upon scientific principles which embody light, heat and moisture.

With all sides of glass, progress of the test are always in view. This is a distinctly new feature and from which the **TEST-ALL** germinator derives its name.

Experiments have shown seeds exposed to daylight germinate faster, yet in the end results correspond with government tests. A saving of one to three days time in securing results of tests will be the means often of saving you considerable money.

This tester has been tried out by a great many farmers in Kane County and has proven to be a great aid in picking their seed, and according to their own statements have more than paid for itself the first year.

The majority of farmers wives have a great deal of trouble in the Spring of getting sufficient food for their young chickens. With this machine it acts as a hot house for germinating oats, and in this way your wife will be able to feed the most nutritious substance that a young chicken requires.

The **TEST-ALL** is durably constructed throughout, of non-rustable metal and glass. Has a capacity of five trays measuring 10x15 inches, thereby accomodating a large number of samples at one time. Outside measurement over all 2 feet 8 inches high, 1 foot 1 inch wide, 1 foot 5 inches deep.

Each machine fully equipped as shown in cut, with two dozen blotters, \$15.00 F. O. B. Aurora. Shipping weight, forty pounds. Orders being booked now for shipment when desired.



REFERENCE TABLE

Quantity of Seed Required to Produce a Given Number of Plants and Sow An Acre.

	Quantity Per Acre		Quantity Per Acre
Artichoke, 1 oz. to 500 plants.....	6 ozs.	Grass, Timothy.....	¼ bu.
Asparagus, 1 oz. to 800 plants.....	1 lb.	Hemp.....	½ bu.
Barley.....	2½ bus.	Kale, 1 oz. to 3,000 plants.....	4 ozs.
Beans, dwarf, 1½ pints to 100 feet of drill.....	1 bu.	Kohlrabi, ⅓-oz. to 100 feet of drill.....	4 lbs.
Beans, pole, 1½ pints to 100 hills.....	½ bu.	Leek, ⅓-oz. to 100 feet of drill.....	4 lbs.
Beet, garden, 1 oz. to 100 feet of drill.....	7 lbs.	Lettuce, ⅓-oz. to 100 feet of drill.....	3 lbs.
Beet, Mangel, 1 oz. to 100 feet of drill.....	6 lbs.	Martynia, ½-oz. to 100 feet of drill.....	5 lbs.
Broccoli, 1 oz. to 3,000 plants.....	4 ozs.	Melon, Musk, 1 oz. to 100 hills.....	3 lbs.
Broom Corn.....	10 lbs.	Melon, Water, 4 ozs. to 100 hills.....	3 lbs.
Brussels Sprouts, 1 oz. to 5,000 plants.....	4 ozs.	Nasturtium, 2 ozs. to 100 feet of drill.....	15 lbs.
Buckwheat.....	½ bu.	Oats.....	2 bus.
Cabbage, 1 Oz. to 3,000 plants.....	4 ozs.	Okra, 1½ ozs. to 100 feet of drill.....	8 lbs.
Carrot, ¼-oz. to 100 feet of drill.....	2½ lbs.	Onion Seed, ⅓-oz. to 100 feet of drill.....	4 to 5 lbs.
Cauliflower, 1 oz. to 3,000 plants.....	4 oz.	Onion Seed, for Sets.....	40 to 80 lbs.
Celery, 1 oz. to 15,000 plants.....	4 ozs.	Onion Sets, 1 quart to 20 feet of drill.....	8 bus.
Clover, Alsike and White Dutch.....	6 lbs.	Parsnip, ¼-oz. to 100 feet of drill.....	3 lbs.
Clover, Lucerne, Large Red; Crimson Trefoil... 8 lbs.		Parsley, ¼-oz. to 100 feet of drill.....	3 lbs.
Clover, Medium.....	12 lbs.	Peas, Garden, 1 pint to 100 feet of drill.....	2 bus.
Collards, 1 oz. to 3,000 plants.....	4 ozs.	Peas, Field.....	2 bus.
Corn, sweet, ¼-pint to 100 hills.....	5 qts.	Pepper, 1 oz. to 1,500 plants.....	3 ozs.
Cress, ½-oz. to 100 feet of drill.....	10 lbs.	Potatoes.....	8 bus.
Cucumber, 1 oz. to 100 hills.....	3 lbs.	Pumpkin, ⅓-quart to 100 hills.....	3 to 4 lbs.
Eggplant, 1 oz. to 2,000 plants.....	4 ozs.	Radish, ⅔-oz. to 100 feet of drill.....	10 to 12 lbs.
Endive, ¼-oz. to 100 feet of drill.....	4½ lbs.	Rye.....	1½ bus.
Flax, broadcast.....	½ bu.	Salsify, ½-oz. to 100 feet of drill.....	8 lbs.
Garlic, bulbs, 1 lb. to 10 feet of drill.....		Spinach, ½-oz. to 100 feet of drill.....	8 lbs.
Gourd, 2 ozs. to 100 hills.....		Summer Savory, 1 pkt. to 100 feet of drill....	¾-lb.
Grass, Blue, Kentucky.....	2 bus.	Squash, Summer, 4 ozs. to 100 hills.....	3 lbs.
Grass, Blue, English.....	1 bu.	Squash, Winter, 8 ozs. to 100 hills.....	3 lbs.
Grass, Hungarian and Millet.....	½ bu.	Tomato, 1 oz. to 2,500 plants.....	2 ozs.
Grass, Mixed Lawn.....	3 to 5 bus.	Tobacco, 1 oz. to 5,000 plants.....	2 ozs.
Grass, Orchard, Perennial Rye, Red Top, Fowl Meadow, and Wood Meadow.....	2 bus.	Turnip, 1 oz. to 250 feet of drill.....	1½ lbs.
Grass, Red Top, Fancy Clean.....	8 to 10 lbs.	Vetches.....	2 bus.
		Wheat.....	1¼ bus.

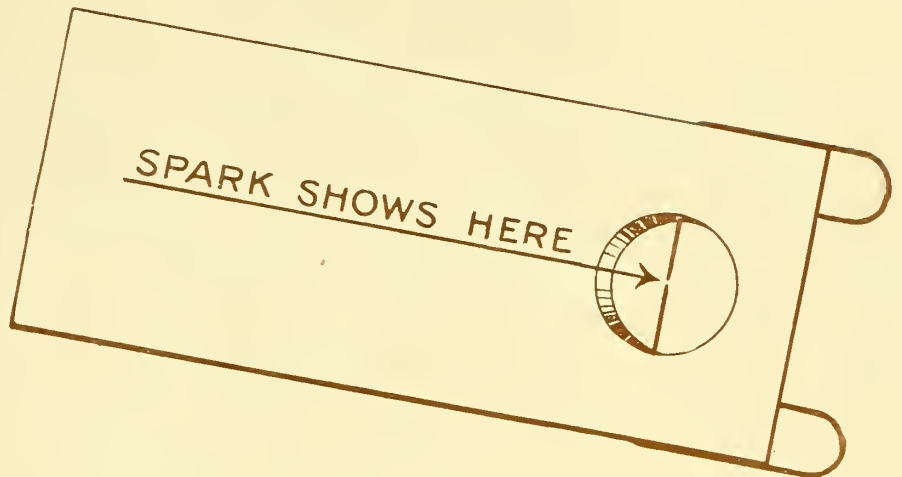
THE "INSTANTO" SPARK PLUG TESTER

The "Instanto" Spark Plug Tester is indispensable to every owner. It locates spark plug trouble immediately and accurately, thus doing away with much of the guess work in all ignition trouble.

Directions for use.

To test Spark Plug hold the Tester so that one point touches the terminal cap, the other touching the shell of the plug. If plug is working properly, spark will appear at the gap. If plug is fouled no spark will appear.

Price each, 10 cents.



AN ANNOUNCEMENT

In order to give added interest to the possibilities derived from growing our varieties of Oats offered this year respectively; No. 103 and No. 105, we take pleasure in announcing the following prizes to be given to the individuals raising the best one-half bushel from these varieties purchased from this Company. We believe in doing this, that we are assisting materially towards better crops of all kinds and eventually better farm conditions.

The one-half bushel must be forwarded express prepaid to reach our office at Aurora, Illinois; not later than November 1st, 1916. The sample must be raised by the individual who sends it in, and must consist of at least one-half bushel.

The very liberal prizes we are offering should interest each and every customer in using a little extra effort towards better yield of better quality. These prizes are given unreservedly and impartially. A competent staff of judges is chosen who will pass a final judgment.

The prize winners will be announced by November 15th, 1916.

PRIZES TO BE GIVEN SEASON, 1916

First Prize	\$15.00 in cash.
Second Prize	10.00 in cash.
Third Prize	5.00 in cash.
Fourth Prize	2.00 in cash.
Fifth Prize	1.00 in cash.

We are offering this year a Special Prize that we believe is big enough to make every reader of this catalog use a special effort towards raising better corn.

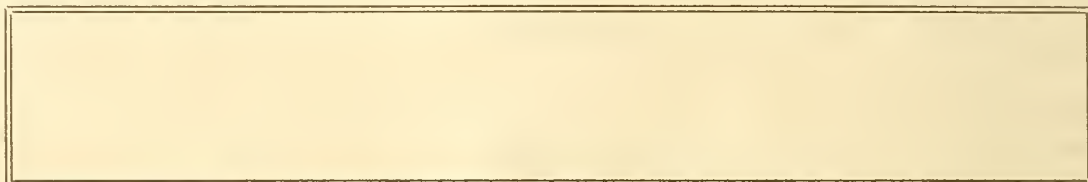
To the individual who raises and sends us express prepaid the best 15-ear sample of Corn, we will give him free and without reservation an order good for \$50.00 worth of HARPER'S best groceries, with the following restrictions, the corn must be raised this year by a customer of this Company, and by the individual who sends in the sample. Sample express prepaid, to reach us not later than November 15th, 1916. The seed from which sample is raised need not have been bought from us but the individual who raises it must have bought some kind of seed from this Company this year in order to qualify.

Three of the best known corn judges will pass upon the samples as they reach here and will give a decision within ten days from the 15th of November at which time the individual who wins the prize can immediately cash in his order for \$50.00 worth of HARPER'S Best Groceries.

FEB 25 1916

Blair Harper & Co.

IDENTIFIED SEEDS



Blair Harper & Co.

IDENTIFIED SEEDS

AURORA, ILLINOIS